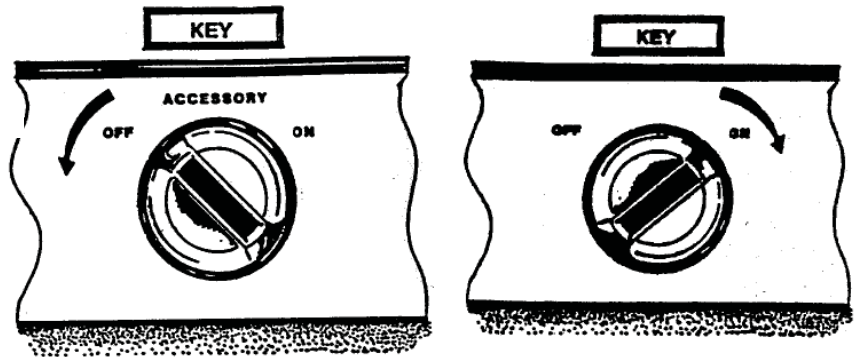


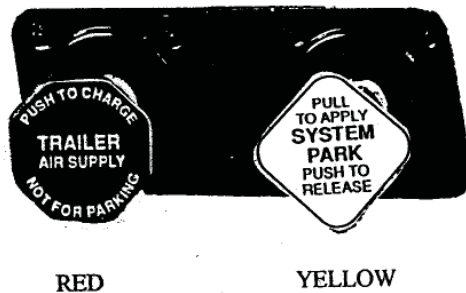
## Step 2

Turn engine off,  
turn key back on  
so gauges work



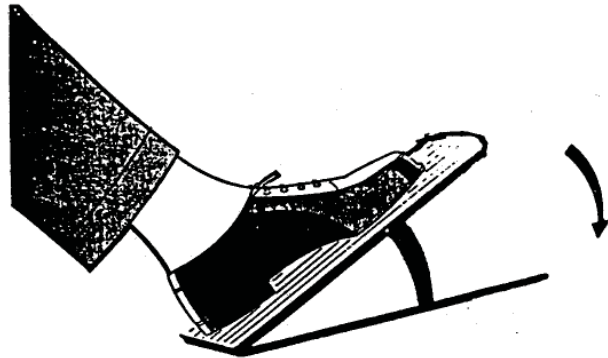
and

release brakes  
(push in both valves)



then

fully apply the foot  
brake, hold to see if the  
air pressure drops.



No more than 3 PSI  
in one minute for a  
**single vehicle**, or no  
more than 4 PSI drop  
for a **combination unit**.



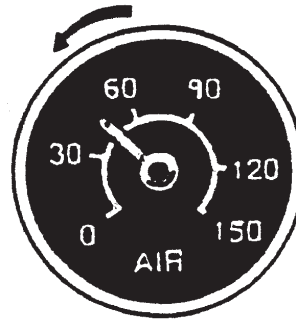
**NOTE:** After fully applying the brake if the air pressure drops more than 3 PSI (single unit) or 4 PSI (combination unit) you have an unsafe air leak in the system.

## Step 4

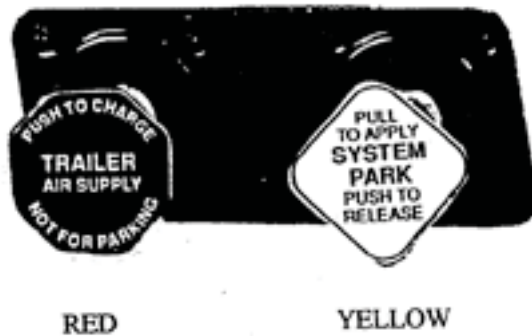
Continue to fan  
off the air  
pressure



to approximately  
40 PSI



Look and Listen for **both**  
valves to pop out.



NOTE: Your tractor protection valve on a (combination unit) or parking brake on a (single unit) should pop out at **APPROXIMATELY 40 PSI** insuring that your vehicle will come to a stop if a loss of air occurs.

**If you fail any part of the air brake check,  
it will be an automatic failure.**

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## Vehicle Inspection Test

<b>Hydraulic Brake Check</b>	<b>Description:</b> Procedure to be followed to check hydraulic brakes.
Scoring Standard	Pumps the brake pedal three times, then holds it down for five seconds. The brake pedal should not move (depress) during the five seconds. The pedal should <u>not</u> move. If it does, there may be a leak or other problem.
<b>King Pin/Apron/Gap</b>	<b>Description:</b> Attaches trailer to tractor (king pin) and provides surface for resting trailer on fifth wheel.
Scoring Standard	Driver checks that king pin does not appear bent; that apron lies flat on fifth wheel skid plate; and that visible part of apron is not bent, cracked or broken. Check that the trailer is laying flat on the fifth wheel skid plate (no gap).
<b>Landing Gear</b>	<b>Description:</b> Supports front of trailer when trailer is not coupled to a tractor.
Scoring Standard	Driver checks that landing gear is fully raised, no missing parts, support frame not bent or damaged; crank handle is present and secured; if power operated no air or hydraulic leaks.
<b>Leaks/Hoses (Engine Compartment)</b>	<b>Description:</b> Fluid leaks from engine.
Scoring Standard	Driver checks for signs of fluid puddles or dripping fluids on the ground under the engine, or the underside of the engine. Inspects engine hoses for condition and leaks.
<b>Lighting Indicators</b>	<b>Description:</b> Dashboard indicator lights for signals, flashers, and headlight high beam.
Scoring Standard	Driver checks that dash indicators illuminate are when corresponding lights are turned on.
<b>Lights (Front)</b>	<b>Description:</b> Headlights, turn signals, clearance lights, and identification lights.
Scoring Standard	All lights illuminate and are clean. Headlights function on both high and low beams. No lenses cracked, broken, missing, and proper color.
<b>Lights, Reflectors (Sides &amp; Rear)</b>	<b>Description:</b> Lights and reflectors for showing vehicle clearances at night.
Scoring Standard	Driver checks that reflectors are clean; none are missing or broken; and they are of proper color (red on rear, amber elsewhere). Checks that rear running lights are clean, not broken, and are of proper color. Rear running lights must be checked separately from signal, flasher, license plate light and brake lights. (Bus check inside dome light).

<b>Locking Pins (Fifth Wheel)</b>	<b>Description:</b> Hold the sliding fifth wheel in fixed position along slider rails.
Scoring Standard	Driver looks for loose or missing pins in the slide mechanism of sliding fifth wheels; if air powered - no air leaks. Checks that fifth wheel is not so far forward that tractor frame will strike landing gear during turns.
<b>Lug Nuts</b>	<b>Description:</b> Hold wheel on axle.
Scoring Standard	Driver checks that all lug nuts are present; checks that lug nuts are not loose (look for rust trails around nuts); no cracks radiating from lug bolt holes; nor distortion of the bolt holes.
<b>Mirrors</b>	<b>Description:</b> Side mirrors for rear view of traffic.
Scoring Standard	Driver checks for proper adjustment; not cracked or loose; visibility not impaired due to dirty mirrors.
<b>Mounting Bolts</b>	<b>Description:</b> Hold fifth wheel mount on tractor frame.
Scoring Standard	Driver looks for loose or missing mounting brackets, clamps, bolts, or nuts; both fifth wheel and slide mounting appear solidly attached in place.
<b>Oil Level</b>	<b>Description:</b> Dipstick used to measure amount of oil for engine lubrication.
Scoring Standard	With the engine stopped, driver uses dip stick to see where the oil level is relative to the full or refill mark.
<b>Oil Pressure Builds</b>	<b>Description:</b> Ensure that engine oil pressure is adequate.
Scoring Standard	Driver checks that oil pressure is building to normal; the gauge shows increasing or normal oil pressure; or warning light goes off. Engine oil temperature gauge (if present) should be a gradual rise to normal operating range.
<b>Parking Brake (Hydraulic or Air)</b>	<b>Description:</b> Keeps vehicle from rolling when parked.
Scoring Standard	Driver checks that parking brake will hold vehicle by gently trying to pull forward with parking brake on.
<b>Passenger Emergency Exits</b>	<b>Description:</b> Bus doors, roof hatches, or push-out windows used for emergency exits.
Scoring Standard	Driver checks that all emergency exit doors, are firmly closed. Also warning buzzer and lights are operating. Check all warning devices.

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## *Vehicle Inspection Test*

<b>Passenger Entry/Lift</b>	<b>Description:</b> Bus door(s) used for normal entry or exit.
Scoring Standard	Door correctly opens and closes; entry steps clear; treads not loose or worn out enough to trip passenger. Hand rails solidly mounted, step light operational. <ul style="list-style-type: none"><li>• If equipped with a handicap lift, look for leaking, damaged, or missing parts and explains how lift should be checked for correct operation. Lift must be fully retracted and latched securely. Operation lights checked.</li></ul>
<b>Passenger Seating</b>	<b>Description:</b> Passenger seats.
Scoring Standard	No broken seat frames; seats firmly attached to floor.
<b>Pintle Hooks Assembly (Truck/Trailer)</b>	<b>Description:</b> Coupling System between truck and trailer.
Scoring Standard	With trailer hooked to truck, driver will check all connections, safety devices and electrical or air connections.
<b>Platform (Fifth Wheel)</b>	<b>Description:</b> Mounting holding the fifth wheel skid plate and locking jaws mechanism.
Scoring Standard	No cracks or breaks in the platform structure.
<b>Power Steering Fluid</b>	<b>Description:</b> Hydraulic fluid for assisting steering wheel action to front wheels.
Scoring Standard	With the engine stopped, driver pulls out the dip stick and sees where the fluid level is relative to the refill mark. Level must be above refill mark.
<b>Release Arm</b>	<b>Description:</b> Releases fifth wheel locking jaws so that trailer can be uncoupled.
Scoring Standard	Driver checks that release arm is in the engaged position, and any safety latch is in place.
<b>Rims</b>	<b>Description:</b> Retain tires on wheels.
Scoring Standard	Driver checks for damaged or bent rims; rims should not have cracks or welding repairs; no rust trails that indicate that rim is loose on wheel.

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## *Vehicle Inspection Test*

### **Safety Belt/Emergency Equipment, F.E.T. (Fuses, Extinguisher and Triangle)**

**Description:** Equipment for use during a breakdown, or at an accident scene; fuses, extinguishers and triangles.

Scoring Standard

Driver checks for spare electrical fuses (if used); 3 red reflective triangles; properly charged and rated fire extinguisher. Check for proper secured, mounted, and adjusted safety belt. (Buses check for First Aid Kit.)

### **Safety Latch/ Locking Jaws**

**Description:** Locks locking jaws closed.

Scoring Standard

Checks that fifth wheel locking jaws are securely locked and that the safety latch is engaged.

### **Shock Absorber**

**Description:** Tubular suspension part which provides a smooth ride.

Scoring Standard

No cracks or leaks, or missing and broken mounting bolts.

### **Signal and Brake Lights**

**Description:** Brake lights, rear signal lights, and four-way flashers.

Scoring Standard

Driver checks that both brake lights come on when brakes applied; checks that each signal light flashes; and checks that four-way flashers work.

### **Slack Adjustor**

**Description:** Linkage from brake chamber to brake shoe to activate brakes.

Scoring Standard

Driver checks for broken, loose, or missing parts; between push rod and adjuster arm should be a little over 90 degrees when brakes are applied. When pulled by hand, brake rod should not move more than approximately 1 inch.

### **Spacers/Space**

**Description:** Axle collar between dual wheels to keep wheels evenly separated.

Scoring Standard

Driver checks that dual wheels are evenly separated, and that tires are not touching one another. Look for any debris between tires.

### **Splash Guards/ Mud Flaps**

**Description:** Devices used to prevent road materials from being thrown by vehicle tires.

Scoring Standard

If equipped, checks that splash guards or mud flaps are not damaged and mounted securely.

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## Vehicle Inspection Test

<b>Spring/Air</b>	<b>Description:</b> Leaf or coil springs to dampen wheel vibration forces created by rolling over road surface. Steel bar, or air bag that acts as a spring in place of leaf or coil springs.
Scoring Standard	Driver looks for broken leaves, leaves that have shifted and are in, or nearly in, contact with the tires, rim, brake drum, frame or body; missing or broken leaves in the leaf spring. For coil spring, driver looks for broken or destroyed spring. If vehicle is equipped with torsion bars, torque arms, or other types of suspension components, checks that they are not damaged and are mounted securely. Air bags not cut or leaking.
<b>Spring Mount</b>	<b>Description:</b> All brackets, bolts, and bushings used for attaching spring to axle and vehicle frame.
Scoring Standard	Driver checks for cracked or broken spring hangers; broken, missing, or loose bolts; missing or damaged bushings; broken, loose, or missing axle mounting part.
<b>Steering Box Secure/Hoses</b>	<b>Description:</b> Container for mechanism that transforms steering column action into wheel turning action.
Scoring Standard	Driver looks for missing nuts, bolts, cotter keys, etc., power steering fluid leaks; damage to power steering hose.
<b>Steering Linkage</b>	<b>Description:</b> Transmits steering action from steering box to wheel.
Scoring Standard	Connecting links, arms, rods not worn or cracked; joints and sockets not worn or loose; no loose or missing nuts, bolts or cotter pins.
<b>Steering Play</b>	<b>Description:</b> Procedure to check for excessive looseness in the steering linkages.
Scoring Standard	Non-power steering: driver works steering wheel back, and forth should have less than 5-10 degrees free play (approximately 2 inches at the rim of a 20 inch steering wheel). Power steering: with engine running driver works steering wheel from left to right and notes degree of free play that occurs before front left wheel barely moves, should be less than 5-10 degrees.

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## Vehicle Inspection Test

<b>Stop Arm</b>	<b>Description:</b> Stop arm and lights on <u>school buses</u> that operate when student pick-up lights are activated.
Scoring Standard	<p>If equipped, check the stop arm to see that it is mounted secured to the frame of the vehicle.</p> <p>Check for loose fittings and damage.</p> <p>Check that stop arm extends fully when operated.</p> <p>Check that stop arm lights are operational.</p>
<b>Student Lights</b>	<b>Description:</b> Strobe light, alternately flashing amber light and alternately flashing red lights on <u>school buses</u> .
Scoring Standard	Checks the strobe light or alternately flashing amber lights (if equipped) are operational and are not broken. Checks that alternately flashing red lights are operational and are not broken.
<b>Tandem Release (Arm/Locking Pins)</b>	<b>Description:</b> Siding mechanism and locking pins for sliding tandem axles on trailers.
Scoring Standard	If equipped, make sure the locking pins are locked in place and release arm is secured.
<b>Temperature Gauge</b>	<b>Description:</b> Measures water temperature in engine cooling system.
Scoring Standard	<p>Makes sure temperature gauge is working.</p> <p>Temperature should begin to climb to the normal operating range or temperature light should be off.</p>
<b>Tires I.C.D. (Inflation, Condition and Depth)</b>	<b>Description:</b> Road wheel tires.
Scoring Standard	<p>Driver checks tread depth (see note); tire inflation; tire condition; tread evenly worn; looks for cuts or other damage to the tread walls; valve caps and stem are not missing, broken or damaged; retread not separating from tire (no retreads on front wheels).</p> <p><b>NOTE:</b> Minimum tread depth is 4/32 inch on steer tires, and 2/32 inch on other tires.</p>



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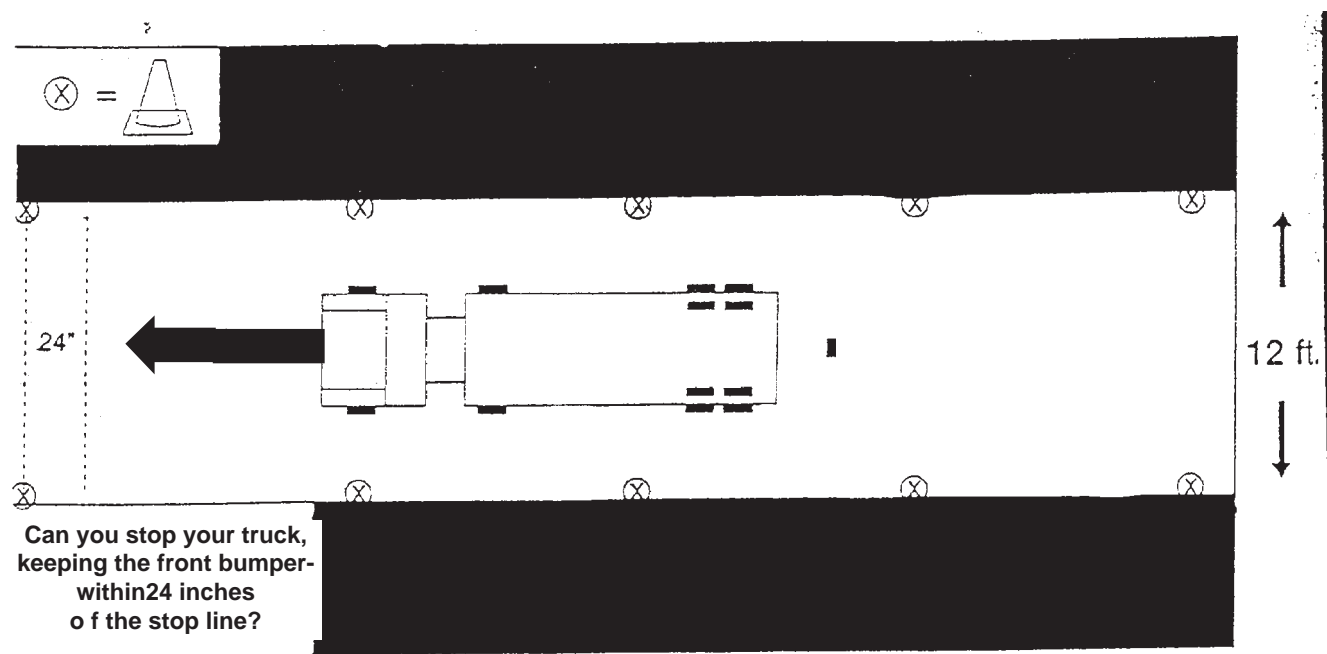
## *Vehicle Inspection Test*

<b>Waterpump</b>	<b>Description:</b> Provide circulation of coolant within the engine.
Scoring Standard	With engine off, driver points to water pump. Checks for securement or leakage. Determining if water pump is gear or belt driven.
<b>Windshield</b>	<b>Description:</b> Windshield
Scoring Standard	Driver checks for cracks, dirt, and illegal stickers or other obstructions to view.
<b>Wipers/Washers</b>	<b>Description:</b> Windshield Wipers.
Scoring Standard	Driver checks for worn rubber on blades; blades secure on wiper arm; and that wipers work. If equipped, check for windshield washer fluid and that windshield washers operate correctly.

## Forward Stop/Straight Line Backing

### Forward Stop

The examiner will tell you to: "Drive through the alley and try to stop with your front bumper as close as possible to the line at the end of the alley without going past the line. You may stop only once. (Don't pull ahead once you've stopped.) Don't lean out of the window or open the door to see better. When I get to the end of the alley, I'll wave you forward."



STRAIGHT LINE BACKING MANEUVER

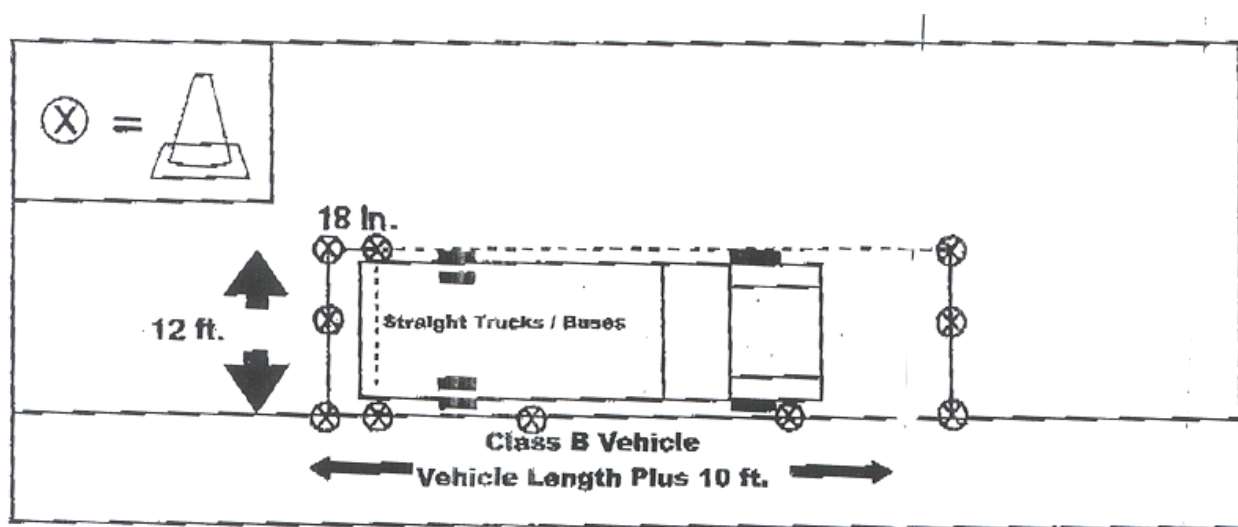
### Forward Stop Maneuver

After you have stopped, the examiner will measure the distance between the bumper and the stop line, and record your score.

If your front bumper is not within 24 inches from the stop line, it will be scored as an error. If you cross the stop line, it will also be scored as an error.

**Parallel Park  
(Conventional)**

After you set-up and start backing, the examiner will score an error each time for a pullup, and crossing any boundary lines. You will also be scored an error after you have completed the exercise for not having the trailer/vehicle inside the parallel park and if you do not have the rear of your vehicle within 18 inches of the rear stop line.



**PARALLEL PARK (CONVENTIONAL)**

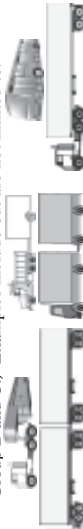


**CDL CLASSIFICATION SYSTEM**

**CDL OFFICE & CDL HELP DESK**  
**INDIANA DEPARTMENT OF REVENUE**  
**5252 DECATUR BLVD., STE. R**  
**INDIANAPOLIS, INDIANA 46241**

**To: ALL HOLDERS OF CHAUFFEUR'S OR PUBLIC PASSENGER CHAUFFEUR'S LICENSES**

The Commercial Motor Vehicle Safety Act of 1986 required all states to adopt a classified driving licensing system which allows for the licensing of commercial motor vehicle operators. The Act defines a commercial motor vehicle; as: (1) having a gross vehicle weight rating (GVWR) of at least 26,001 lbs.; (2) vehicle designed to transport 16 or more passengers including the driver; or (3) any size vehicle carrying hazardous materials which requires placarding.

**GROUP: DESCRIPTION:**

A-	Any combination of vehicles with a GVWR of 26,001 or more pounds provided the GVWR of the vehicle(s) being towed is in excess of 10,000 pounds. (Holders of a Group A license may, with any appropriate endorsements, operate all vehicles within Group B and C.) Examples include but are not limited to:	 <ul style="list-style-type: none"> <li>- Tractor-Semi-trailer</li> <li>- Truck &amp; Trailer</li> <li>- Related Endorsements</li> <li>- Double / Triple Trailers</li> <li>- Tank Vehicles</li> <li>- HAZMAT</li> <li>- Passenger Vehicles</li> </ul>
B-	Any single vehicle with a GVWR of 26,001 or more pounds, or any such vehicle towing a vehicle not in excess of 10,000 pounds GVWR. (Holders of a Group B license may, with any appropriate endorsements, operate all vehicles within Group C.) Examples include but are not limited to:	 <ul style="list-style-type: none"> <li>- Straight trucks 26,001 or more pounds GVWR</li> <li>- Buses 26,001 or more pounds, 16 passengers including the driver</li> <li>- Trailer not in excess of 10,000 pounds GVWR</li> <li>- Related endorsements</li> <li>- Tank Vehicles</li> <li>- HAZMAT</li> <li>- Passenger Vehicles</li> </ul>
C-	Any single vehicle less than 26,001 pounds GVWR, or any such vehicle towing a vehicle not in excess of 10,000 pounds GVWR. This group applies to vehicles which are placarded for hazardous materials or designed to transport 16 or more persons, including the operator. Examples include but are not limited to:	 <ul style="list-style-type: none"> <li>- Single or combination vehicles, less than 26,001 pounds GVWR</li> <li>- Buses less than 26,001 GVWR and designed to transport 16 or more passengers including the driver</li> <li>- Related endorsements</li> <li>- HAZMAT</li> <li>- Passenger Vehicles</li> </ul>

The representative vehicle for the skills test must meet the written description for that group. The silhouettes typify, but do not fully cover, the types of vehicles falling within each group.

**FEES:**

-Four (4) year commercial driver's license .....	\$ 30.00
-Addition of a commercial driver's license endorsement, or removal of a CDL restriction, other than at the time of application .....	\$ 20.00
-Commercial driver's license learner's permit .....	\$ 16.00
-Amendment to a commercial driver's license learner's permit, including the additional or removal of a CDL endorsement or restriction, other than at the time of application .....	\$ 10.00
-Duplicate or amended license .....	\$ 10.00
-Skills and Road Test .....	\$100.00
-Rental fees, if third party is required to provide the vehicle .....	\$ 50.00
-Effective August 15, 2005-Rental fees, if third party is required to provide the vehicle \$ 50.00	

**Unlimited Testing for Written Exam:** The written test, general knowledge and endorsements, may be taken once every 24 hours with no charge until the license is issued. **CDL Medical Information - Please see beginning of CDL Manual, or call (317) 615-7335.** A medical examiner's certificate for intrastate or interstate or CDL Learner's Permit.

**COMMERCIAL DRIVERS LICENSE: WAIVERS**

**FARMERS (and their farm hands in the farmer's vehicle):**

Those operators of a farm vehicle which is  
 -controlled and operated by a farmer;  
 -used to transport either agricultural products, farm machinery, farm supplies or (some combination thereof) to or from a farm;  
 -not used in the operation of a common or contractor motor carrier; and  
 -used within 150 miles of the person's farm.

**FIREFIGHTERS AND OPERATORS OF EMERGENCY EQUIPMENT:**

The FHWA believes it not contrary to the public interest to waive operators of firefighting and other emergency equipment from the requirements of the Act. Drivers who operate emergency or fire equipment which is necessary to the preservation of life or property or the execution of emergency governmental functions performed under emergency conditions.

**MILITARY PERSONNEL:**

All non-civilian operators of equipment owned or operated by the Department of Defense are waived from the Act's requirements. This applies to any active duty military personnel, and members of the reserves and national guard on active duty including personnel on full time national guard duty.

**RECREATIONAL VEHICLES:**

Operators of a motor vehicle that:  
 -is registered as a recreational vehicle;  
 -is used primarily to transport the owner's family members or guests and their possessions for nonbusiness purposes.

**OBTAINING A COMMERCIAL DRIVER'S LICENSE**

In order to obtain a commercial driver's license the applicant must:

1. Produce his/her current driver's license.
2. Any one of the following documents can be used to verify your Social Security number.
  1. Your social security card.
  2. A NUMI Report stamped and issued from the Social Security Administration (SSA) office in Baltimore, Maryland.
  3. Verification of Social Security Number Letter signed and stamped from an **Indiana SSA** District Office.
3. Present proof of a current physical examination.
4. Complete all necessary written and driving tests. Waiving of the driving tests ended on March 31, 1992. All drivers issued a commercial driver's license after that date must complete the driving skills tests.

**GRANDFATHERING ENDED MARCH 31, 1992.**

**BE SURE TO READ THE CDL SKILLS TEST SECTION OF THE MANUAL. If you fail the CDL Skills or Road Test, you will be required to pay the entire fee to retest.**